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An elementary **processor** architecture with simultaneous instruction issuing from **multiple** ...-

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H Hirata, K Kimura, S Nagamine, Y Mochizuki ... - ACM SIGARCH Computer Architecture News, 1992 - portal.acm.org

... architecture[] used as the base **processor** in a **parallel** ... for a large part of the **processing** time for ... and can easily create many threads(**parallel** processes) to ...

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Ten **reasons** to use divisible load theory

TG Robertazzi - Computer, 2003 - doi.ieeecomputersociety.org

... While there is no **reason** to believe that the ... with operating systems or data-**parallel** languages such ... Research toward this goal includes **processing** divisible and ...

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Instruction-level **parallel processing**: history, overview, and perspective- ► [illinois.edu](#) (pdf)

BR Rau, JA Fisher - The Journal of Supercomputing, 1993 - Springer

... For various nontechnical **reasons** the 360/91 was ... In the 1960s, research into "**parallel processing**" often was concerned with the ILP found in these **processors**. ...

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The NAS **parallel** benchmarks- ► [psu.edu](#) (pdf)

DH Bailey, E Barszcz, JT Barton, DS ... - International Journal of High Performance Computing ..., 1991 - hpc.sagepub.com

... system will consist of at least 1,000 **processors** comput- ... Highly **parallel** systems with computing power ... ious **reasons**, the performance evaluation of these sys- ...

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Array **processor** with **multiple** broadcasting

VK Prasanna Kumar, CS Raghavendra - Journal of Parallel and Distributed Computing, 1987 - Elsevier

... transfers within rows and columns of **processors**. ... in linear algebra, image **processing**, computational geometry ... We develop **parallel** algorithms for many problems in ...

[Cited by 210](#) - [Related articles](#) - [All 7 versions](#)

[CITATION] Multiprocessors and **parallel processing**

PH Enslow, 1974 - Wiley-Interscience

[Cited by 126](#) - [Related articles](#) - [Library Search](#)

[BOOK] Introduction to **parallel processing**: algorithms and architectures

B Parhami, 1999 - books.google.com

... Emergence of **multiple-processor** microchips, along with ... the promise for making **parallel processing** more practical ... is the **reason parallel processing** occupies such ...

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[PDF] ► **Parallel processing** on networks of workstations: A fault-tolerant, high performance

approach

P Dasgupta, ZM Kedem, MO Rabin - INTERNATIONAL CONFERENCE ON DISTRIBUTED ..., 1995 - Citeseer
... can tolerate loss of pieces due to **reasons** that have ... also implement the additional software for pre-**processing** and compiling the **parallel** program to ...
[Cited by 51](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 24 versions](#)

[PDF] ➤ Application scheduling and **processor** allocation in multiprogrammed **parallel processing** ...

KC Sevcik - Journal of Performance Evaluation, 1994 - Citeseer
... is the "speedup factor" achievable through **parallel processing**. ... where all available **processors** may not ... an application on **multiple processors** generally exceeds ...
[Cited by 125](#) - [Related articles](#) - [View as HTML](#) - [All 22 versions](#)

[PDF] ➤ **Parallel** genetic algorithm taxonomy

M Nowostawski, R Poli - 3rd International Conference on Knowledge-Based ..., 1999 - Citeseer
... For this **reason** the asynchronous master- slave PGA does ... long time they require for **processing** a generation ... Sometimes coarse grained **parallel** GAs are known as ...
[Cited by 86](#) - [Related articles](#) - [View as HTML](#) - [All 11 versions](#)

[PDF] ➤ Simulation and modeling of a simultaneous multithreading **processor**

DM Tullsen - 22nd Annual Computer Measurement Group ..., 1996 - new.cmg.org
... but insights into the **reasons** behind the ... by multithreaded superscalar **processors**, we chose ... load achieved by multiprogramming rather than **parallel processing**. ...
[Cited by 133](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 4 versions](#)

A large scale, homogeneous, fully distributed **parallel** machine, I

H Sullivan, TR Bashkow - Proceedings of the 4th annual symposium on Computer ..., 1977 - portal.acm.org
... The general block diagram of a **parallel** computer ... For these **reasons** we regard the block diagram of Fig ... also, the support of **multiple processors** requires a high ...
[Cited by 377](#) - [Related articles](#) - [All 6 versions](#)

Parallel database systems: The future of database **processing** or a passing fad?- ➤ psu.edu

[PDF]
DJ DeWitt, J Gray - ACM SIGMOD Record, 1990 - portal.acm.org
... a design provides speedup and scaleup in **processing** relational database ... picture of the future of highly **parallel** database machines for two **reasons**. ...
[Cited by 88](#) - [Related articles](#) - [All 10 versions](#)

Multiscalar **processors**- ➤ psu.edu [PDF]

GS Sohi, SE Breach, TN Vijaykumar - ACM SIGARCH Computer Architecture News, 1995 - portal.acm.org
... be considered as speculative for two **reasons**: (i) control ... The details of the **parallel** execution of what at ... that distributes tasks en masse to **processing** units. ...
[Cited by 754](#) - [Related articles](#) - [BL Direct](#) - [All 57 versions](#)

Fault-tolerance considerations in large, **multiple-processor** systems

JG Kuhl, SM Reddy - Computer, 1986 - osti.gov
... ARRAY **PROCESSORS**- DESIGN;ARRAY **PROCESSORS**- RELIABILITY;FAULT TOLERANT ... DESIGN; DISTRIBUTED DATA **PROCESSING**;INTEGRATED CIRCUITS;**PARALLEL PROCESSING**. ...
[Cited by 49](#) - [Related articles](#) - [Cached](#) - [All 5 versions](#)

Real time radiosity through **parallel processing** and hardware acceleration

DR Baum, JM Winget - ACM SIGGRAPH Computer Graphics, 1990 - portal.acm.org
... the remaining operations which include **processing** the item ... d the hemi-cube item-buffers in **parallel** on the ... this would have been inefficient for several **reasons**. ...

[Cited by 70](#) - [Related articles](#) - [All 3 versions](#)

[PDF] [PVM: A framework for parallel distributed computing](#)

VS Sunderam... - Concurrency Practice and Experience, 1990 - Citeseer

... of this simulation are vector **processing** (for fluid ... that supports common **parallel** programming paradigms. ... primarily for portability **reasons** — most multiproces ...

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[Distributed hierarchical control for parallel processing-](#) [psu.edu](#) [PDF]

DG Feltelson, L Rudolph - Computer, 1990 - doi.ieeecomputersociety.org

... system controllers is out of place for two **reasons**. ... system also runs on a **parallel** machine tightly ... Just as operating system **processing** is offloaded from the ...

[Cited by 160](#) - [Related articles](#) - [All 10 versions](#)

[CITATION] [Cluster computing at a glance](#)

M Baker, R Buyya - High Performance Cluster Computing, 1999

[Cited by 50](#) - [Related articles](#)

[Introduction to numerical methods for parallel computers](#)

U Schendel - Chichester, West Sussex, England/New York, Ellis ..., 1984 - csa.com

... is the **multiple processor** version of the SIMD, while the MISD (chain of **processors**) is equivalent to the SISD. The fundamentals of **parallel** numerical analysis ...

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